

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.: <b>S-100,556</b>	
		First Inventor or Application Identifier: <b>David Reagor et al.</b>	
		Title: <b>THROUGH-THE-EARTH RADIO</b>	
		Express Mail Label No.: <b>ET461825719US</b>	

  

<b>APPLICATION ELEMENTS</b>	ADDRESS TO: <b>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</b>
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1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (submit an original and a duplicate for fee processing)  2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [ Total Pages: 20 ] <input checked="" type="checkbox"/> Descriptive title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure  4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C. 113) [ Total Sheets: 8 ] <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal  5. <input checked="" type="checkbox"/> Declaration & Power of Attorney [ Total Pages: 2 ] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 63(d) (for continuation/divisional with Box 16 completed) c. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).	6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies  <div style="text-align: center; border: 1px solid black; padding: 2px;"> <b>ACCOMPANYING APPLICATION PARTS</b> </div> 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documentation) 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized) 13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i) 15. <input type="checkbox"/> Other:
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16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application S.N. \_\_\_\_/\_\_\_\_\_.  
  
 Prior application information:      Examiner:      Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

  

**16. CORRESPONDENCE ADDRESS**

☒ Customer Number **35068**      OR ☐ Correspondence Address Below

  

Name: <b>Milton D. Wyrick</b> Address: <b>Los Alamos National Laboratory LC/IP, MS A187</b> City: <b>Los Alamos</b> State: <b>N w Mexico</b> Zip Code: <b>87545</b> Country: <b>United States</b> Telephone: <b>(505) 665-3659</b> Fax: <b>(505) 665-4424</b>	Registration No. (Attorney/Agent): <b>29,993</b>  Date: <b>November 20, 2003</b>
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Name (Print/Type): <b>Milton D. Wyrick</b>	Signature:
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 22386 U.S. PTO  
10/7/19426


# FEE TRANSMITTAL

## For FY 2004

Patent fees are subject to annual revision  
(submit an original and a duplicate for fee processing)

Complete if Known

Application Number:	
Filing Date:	November 20, 2003
First Named Inventor:	David Reagor et al.
Examiner Name:	
Group/Art Unit:	
Attorney Docket No.:	S-100,556

### METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number: **12-2150**  
 Deposit Account Name: Los Alamos National Laboratory  
☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity    Small Entity

Fee	Fee	Fee Description	Fee Paid
\$770	\$385	Utility filing fee	
\$770	\$385	Reissue filing fee	
\$160	\$80	Provisional filing fee	

**SUBTOTAL (1) \$385.00**

#### 2. EXTRA CLAIM FEES

		Extra Claims	Fee from Fee Paid Below	
Total				
Claims	23	-20** = X	=	<b>27.00</b>
Independent Claims	3	-3** = X	=	<b>-0-</b>
Multiple Dependent				<b>= 27.00</b>

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity    Small Entity

Fee	Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$86	\$43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid.
\$86	\$43	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$27.00**

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge – late filing fee or oath	
\$50	\$25	Surcharge – late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$420	\$210	Extension for reply within second month	
\$950	\$475	Extension for reply within third month	
\$1,480	\$740	Extension for reply within fourth month	
\$2,010	\$1,005	Extension for reply within fifth month	
\$330	\$165	Notice of Appeal	
\$330	\$165	Filing a brief in support of an appeal	
\$290	\$145	Request for oral hearing	
\$110	\$55	Petition to revive – unavoidable	
\$110	\$55	Terminal Disclaimer	
\$1,330	\$665	Petition to revive – unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$180	\$180	Submission of Information Disclosure Statement	
\$770	\$385	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$770	\$385	For each additional invention to be examined (37 CFR 1.129(b))	
\$100	\$100	Certificate of Correction	
\$300	\$300	Publication fee for early, voluntary, or normal publication	
\$770	\$385	Request for Continued Examination (RCE)	

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3)**

**\$-0-**

Reduced by Basic Filing Fee Paid

**SUBTOTAL FROM 1**

**\$385.00**

**SUBTOTAL FROM 2**

**\$ 27.00**

**SUBTOTAL FROM 3**

**\$ -0-**

**TOTAL AMOUNT OF PAYMENT**

**\$412.00**

### SUBMITTED BY

Complete (if applicable)

Printed Name: Milton D. Wyrick

Reg. No. 29,993

Signature: 

Date: November 20, 2003

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